

testing in Phase II, there are a sufficient number of new carriers in Phase II who will require initial testing (testing which will occur utilizing two different Operating Support Systems ("OSS")),²⁵ to make the simultaneous pursuit of carrier to carrier testing in different MSAs impossible.

Below, each Phase is identified with the current Commission-mandated completion date (Current End Date), as well as USWC's Proposed End Date for the respective Phase. The "total number of days" requested under this Petition is also noted.

Phase	Current End Date	Proposed End Date	Length of Extension for this Phase
I	Mar. 31, 1998	July 17, 1998	108 days
II	May 15, 1998	Aug. 14, 1998	91 days
III	June 30, 1998	Sep. 21, 1998	83 days
IV	Sep. 30, 1998	Nov. 2, 1998	33 days
V	Dec. 31, 1998	Dec. 31, 1998	0

The above dates are correlated to the Commission's current mandated time line. If reconstructed to reflect actual deployment time after the presumed availability of a performance-ready NPAC/SMS on May 11, 1998, the amount of time USWC will have to complete LNP deployment is considerably shorter than the "length of extension" might otherwise suggest and considerably shorter than USWC would have had under the Commission's currently mandated schedule had Perot

²⁵ The OSS in Phoenix incorporates a legacy OSS from the old Mountain Bell Telephone Company; the one in Seattle is a legacy of Pacific Northwest Bell Telephone Company. See Mason Affidavit at ¶ 6(c) and n.2.

delivered a production-ready NPAC on December 15, 1997. The actual time available for deployment, as well as the amount of days USWC proposes to “compress” from the originally-approved deployment schedule is reflected below:

Phase	End Date	Proposed Deployment Time	Original Deployment Time	Days Compressed
I	July 17, 1998	67 days	105 days	38 days
II	Aug. 14, 1998	28 days	45 days	17 days
III	Sep. 21, 1998	38 days	46 days	8 days
IV	Nov. 2, 1998	42 days	92 days	50 days
V	Dec. 31, 1998	59 days	92 days	33 days

Viewed from this latter perspective, the “extension” USWC is requesting can be represented as: Phase I, 67 days; Phase II, 28 days; Phase III, 38 days; Phase IV, 42 days. This is certainly reasonable and does not represent an overly liberal request. Indeed, given the amount of compression that has been done from the originally-mandated deployment schedule, it is clearly an aggressive schedule. Furthermore, it is a schedule calculated to do minimum damage to other regions and carriers in the United States.

For the above reasons, USWC requests an extension of time to deploy LNP according to the above-outlined deployment schedule.

VI. PROCEDURAL MATTER REGARDING REQUESTED EXTENSION

As is obvious from the above description of USWC's deployment proposal, the dates targeted for start and completion of each Phase are aggressive.²⁶ As a matter of strict procedure, the current Petition for Extension of Time need only ask for an extension with respect to Phase I. Under the existing rules, a Petition for Extension of Time with respect to Phase II would not be required to be filed until 60 days before May 15th (or around March 15th). Similarly, a Petition would not be required to be filed for Phase III until around April 30th; Phase IV around July 31st; and -- if USWC's proposed schedule holds, no Petition would be necessary with respect to Phase V.

It is possible that the Bureau may determine that it is only appropriate to address the instant extension of time request with respect to Phase I. Obviously, such an approach would require that all affected carriers file repeated Petitions for Extension of Time as they get within 60 days of the completion dates currently mandated with respect to subsequent Phases.

We believe that it makes sense for the Bureau to rule on USWC's Petition as a whole, granting us the full spectrum of extensions reflected herein. Such would certainly be more efficient than requiring additional Petition filings in the future. **However**, should the Bureau take this approach, USWC would still expect to retain the ability to file Petitions for Extension of Time in the event we were unable

²⁶ See the Mason Affidavit at ¶ 13 for the start dates, as well as the end dates reflected above.

to complete any particular Phase by the date we outline above.²⁷ Furthermore, it is a certainty, since the timeframes between Phases II through IV are all less than 60 days, that an extension petition filed with respect to a granted USWC timetable could not be filed 60 days in advance. Thus, concomitantly with granting USWC's proposed timetable, the Bureau should waive the 60-day filing requirement at this time, requiring that carriers file as soon as possible if they are going to be unable to meet their represented (and granted) completion dates.

USWC believes that a "total package extension" would be the more efficient procedure and urge the Bureau to give it serious consideration.

VII. CONCLUSION

Having shown good cause for the instant Petition for Extension of Time, USWC respectfully requests that the Bureau expeditiously grant its request for modification of the implementation dates for the deployment of LNP, Phases I, II, III and IV as detailed above.

Respectfully submitted,

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March 2, 1998

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²⁷ The start date associated with a Phase does not appear so material as the end date. Thus, even if there were a slippage of start date, USWC would not consider it necessary to file for an extension of time if the complete date were to be met.

ATTACHMENT 1

STATE OF COLORADO

COUNTY OF DENVER

AFFIDAVIT OF TIMOTHY E. MASON

I, Timothy E. Mason, first being duly sworn, hereby state that the following information is true and correct to the best of my knowledge, information and belief.

1. I submit the following information in support of the Petition for Extension of Time filed by U S WEST Communications, Inc., ("USWC") on March 2, 1998, seeking relief from the Federal Communications Commission ("FCC" or "Commission") mandates involving the deployment of Long Term Number Portability ("LNP") by incumbent local exchange carriers ("ILEC"), including USWC, according to a phased-in process to conclude by December 31, 1998. USWC will be unable to meet this requirement, in total. While the December 31, 1998 end-date will be met, the time frames associated with the specific Phases will require adjustment. USWC will be unable to meet the mandated completion dates for LNP deployment with respect to Phases I through IV.
2. While USWC's network will be technically capable of supporting service provider portability by the end of February, 1998, the entrance of other local exchange carriers ("LEC") (including competitive local exchange carriers ("CLEC")) into USWC's network via a reliable Number Portability Administration Center ("NPAC") Service Management System ("SMS") will be impossible according to the currently-mandated schedule. The reasons for the current situation with the NPAC/SMS are outlined more fully below and in the text of USWC's Petition.

Biographical Information

3. By way of background biographical information, I am an employee of USWC and have been so employed since 1981. Currently, I work in the Capacity Provisioning department. My title is Director, Local Number Portability and Infrastructure Availability Center. My current address is 700 W. Mineral, Room IA H12.13, Littleton, Colorado, 80120.
4. The position of Director, Local Number Portability was specifically created for the purpose of assuring compliance with the specifications of the Telecommunications Act of 1996, and federal and state regulations, as well as the outcomes of negotiations and arbitrations, as those activities relate to the implementation of LNP. In my current position, I have overall responsibility at USWC for all

planning, engineering, process development, and implementation of LNP to ensure compliance with the 1996 Act and all FCC mandates.

USWC Implementation of the Commission's Mandate of Number Portability

5. In this Affidavit, I review USWC's LNP Program Plan for complying with the Commission's mandates as they apply to LNP deployment. In the following paragraphs I will:
 - review the status of USWC's Program Plan;
 - review a modified Program Plan as necessitated by Perot Systems' ("Perot") inability to provide a production-ready NPAC and the subsequent selection of Lockheed-Martin as the new NPAC provider.

Status of USWC's Program Plan for Implementation of Number Portability

6. USWC's Program Plan is comprised of three Project Plans: Network, Operations and Systems.
 - a. The Network phase of the project includes preparing the network infrastructure (the switching and signaling components) for implementation of LNP. The Network plan is fundamentally on schedule. Switch replacements, generic updates, and feature enhancements necessary to complete the deployment of LNP in the first three mandated MSA's (i.e., Minneapolis, Seattle, and Phoenix) have taken place.¹ Similar activity is proceeding in the remaining MSA's and that activity is on schedule. The signaling network plan, as well, is on schedule.
 - b. The Operations phase consists of activities such as the development of Methods and Procedures for service delivery and order processing both within USWC and between USWC and other co-carriers. The Operations plan is on schedule, with methods and procedures developed and tested for the implementation of LNP. Training on these methods is scheduled to be done concurrently with the implementation schedule of the MSA.
 - c. The Systems phase consists of (1) modifying the Operations Support Systems ("OSS") hardware and software to interface with the NPAC/SMS, and (2) successfully testing the OSS interfaces with the NPAC/SMS. For the first part,

¹ Attached as Appendix A is an identification of the particular switches for which the USWC extension is being requested. The Commission should be advised that the list is "accurate" as of this filing, meaning that it identifies those switches where LNP has been requested. It is possible that further requests will be made.

updates/upgrades to U S WEST systems hardware and program software are complete. The second part of the Systems plan is not on schedule, due to the lack of access to a production-ready NPAC, the termination of Perot as the NPAC/SMS provider, and the recent selection of Lockheed-Martin as the new NPAC/SMS provider. As a result of the delayed delivery and acceptance of a production-ready NPAC/SMS, interoperability testing² is currently on hold. I will detail the modified dates for interoperability testing later in this Affidavit.

Selection of Lockheed-Martin as the NPAC Vendor

7. In early February, 1998, the Western Region LLC made its final assessment regarding the ability of Perot to deliver a production quality NPAC/SMS on July 6, 1998 (the most recently proposed delivery date by Perot). On February 9, 1998, the LLC voted to terminate its contract with Perot and to continue negotiations with Lockheed-Martin. On February 13, 1998 the Western Region LLC selected Lockheed-Martin as the Western Region NPAC/SMS provider and signed the contract.
8. A Master Contract with Lockheed-Martin has now been executed. An addendum to that contract requires a certified production-ready NPAC/SMS be available by May 11, 1998. To be production-ready, such an NPAC/SMS will need to do, at least, the following:
 - The software must have no material defects and some minor defects.
 - Within 60 days of the contract signing date, a plan to achieve 25 transactions per second must be completed.

Impact on USWC's Program Plan by the Change of Vendor

9. Perot's failure to deliver a production-ready NPAC/SMS platform that was stable, reliable, and functional is significant to USWC's LNP deployment. The NPAC is both the work center and the associated support systems that activate LNP between any two different Service Providers within the region. When a telephone number is moved from one Service Provider to another, the NPAC provides routing direction to the Local Service Management System ("LSMS") of the Service Provider that originally "owned" the number. This routing information is then passed to that Service Provider's LNP Service Control Point ("SCP"), which directs calls to that number to be re-routed to the new Service Provider's network. The NPAC will interface with each Western Region Service Provider's Local SMS. In order for the

² Interoperability testing is the testing USWC needs to do with the NPAC for each of its three regional sets of systems (Eastern, Central and Western). These are legacy systems from USWC's three predecessor Bell Operating Companies.

total system to work, each Service Provider's LSMS must interface cleanly and efficiently with the NPAC/SMS. Thus, the NPAC/SMS is the "hub" system that passes information between the Service Providers' LSMS systems. If an LSMS cannot communicate effectively with the NPAC/SMS, it will not be able to send or receive data to or from other Service Provider Systems. Absent this capability, LNP will not work between two Service Providers. Since each Service Provider is responsible for procuring its own LSMS software, it is essential that each Service Provider be able to test its LSMS software directly with the NPAC/SMS software prior to live implementation, to ensure that it can send and receive LNP data.

10. As a result of Perot's failure to deliver, USWC has not been able to fully validate the interactions/interoperability between its systems and the NPAC/SMS. While numerous tests were performed within the Eastern region, none of USWC's three regional systems has been completely tested. This is significant because USWC has three distinct sets of systems (Eastern, Central and Western - legacy systems from its predecessor Bell Operating Companies) that need to be tested. Since each system set is unique, USWC must conduct a full array of testing in each of its three regions to ensure that interoperability results are at a satisfactory level before proceeding to publicly roll out LNP in that region.
11. Because of the functionality of the NPAC/SMS, as described above, Carrier to Carrier³ testing cannot begin until the delivery of a stable NPAC system that conforms to the standards and requirements outlined by the industry.
12. Per the Lockheed-Martin contract proposal, the scheduled delivery and acceptance date for the NPAC/SMS that meets the contractual conditions of the contract is May 11, 1998. USWC has developed the following deployment plan based upon the May 11, 1998 delivery date. If that date is not met, the dates outlined below will need to be evaluated and most likely would slip out further into the future.
13. The following are the USWC proposed dates for each Phase of LNP deployment going forward:
 - a. *Interoperability Testing*
 - Eastern Region (Minneapolis): Starts 3/12/98; concludes 5/15/98
 - Western Region (Seattle) & Central Region (Phoenix): Starts 4/13/98; concludes 6/8/98

During this NPAC/SMS Interoperability Testing period, USWC will be able to access an NPAC/SMS test platform serving all Western Region LLC members as well as all of the LLC members from the Southeastern and West Coast Regions. Members of the three

³ Carrier to Carrier testing includes LEC to CLEC, CLEC to LEC, LEC to LEC and CLEC to CLEC testing.

regions will be conducting interoperability and certification tests between the Service Providers and Lockheed-Martin's NPAC/SMS. These are "closed system" tests, which are a necessary predicate to certifying the NPAC/SMS prior to carrier-to-carrier testing.

Prior to the production-live date, Lockheed Martin is required to provide the Western Region LLC with a production-ready NPAC/SMS platform which will serve only the Western Region LLC members.

As is clear from the above proposal, USWC does not propose simultaneous interoperability testing across all of its three regions. The specialized nature of the skills necessary to oversee interoperability testing and the nature of USWC's OSS render it impossible to pursue simultaneous deployment of LNP with respect to interoperability testing. Carrier to Carrier testing cannot begin within an MSA until the regional interoperability testing for the USWC region serving that MSA has been successfully completed, *i.e.*, Carrier to Carrier testing cannot begin in the Seattle MSA until the USWC Western region interoperability testing has completed. This disciplined progression from step to step also precludes any opportunity to deploy two phases simultaneously.

b. Carrier to Carrier Testing and Phased Deployment End Date

The following phases (which involve carrier to carrier testing) occur after the acceptance and availability of a production-ready NPAC/SMS on May 11, 1998. The week between May 11, 1998 and May 18, 1998 is reserved for returning the NPAC/SMS to a live network-ready status (versus a test status).

- Phase 1: Minneapolis MSA
Starts May 18, 1998; Completes July 17, 1998
- Phase 2: Phoenix & Seattle MSAs
Starts July 18, 1998; Completes August 14, 1998
- Phase 3: Denver & Portland MSAs
Starts August 15, 1998; Completes September 21, 1998⁴
- Phase 4: Salt Lake City & Tucson MSAs
Starts September 22, 1998; Completes November 2, 1998
- Phase 5: Albuquerque, Omaha & Tacoma MSAs
Starts November 3, 1998; Completes December 31, 1998

This new schedule still allows USWC to meet the Commission's mandate to complete all five phases by December 31, 1998. In addition, USWC plans to significantly reduce the

⁴ This assumes no work stoppage that might affect LNP deployment in Phase III.

time required to complete each Phase. The chart below compares the originally scheduled timeframes for Phases 1 to 5 to the currently-planned timeframes.

Phase	Original Deployment Time	New Deployment Time	Deployment Days Saved
I	105 days	67 days	45 days
II	45 days	28 days	17 days
III	46 days	38 days	8 days
IV	92 days	42 days	50 days
V	92 days	59 days	33 days

14. The Project Plan dates outlined above take into consideration that in each of the cities where USWC must deploy LNP, there will be between one and eight co-providers with whom tests must be conducted. The level of testing will vary, based on whether or not USWC has already tested with that co-provider in another city. For example, Minneapolis (Phase I), has eight co-providers with whom we must test, all for the first time. AT&T is one of them. As USWC moves to Phase II (Phoenix and Seattle), it is assumed that AT&T will also be a co-provider in those cities. While some additional testing with AT&T will be required given the difference in the OSS systems in the three cities involved in Phases I and II (see next paragraph), AT&T will not require "full testing" in Phase II. Other carriers, however – those who did not participate in testing in Minneapolis – will require full testing. This type of situation will occur in each new phase with respect to recurring and new carriers: a carrier's first site will need to be tested fully, with subsequent sites requiring only abbreviated testing.

In Phases I through V, USWC will need to conduct a total of 47 carrier to carrier testing situations. However, after Phase I, only 18 of these will require full testing. The remaining 29 will have undergone full testing in an earlier phase and will require only abbreviated testing.

15. Furthermore, the above plan takes into consideration the additional certification and interoperability testing that USWC must go through that other ILECs may not find necessary as a result of the use of a single OSS. Phase I contains the Minneapolis MSA, which is served by systems in USWC's Eastern Region. Phase II contains 2 MSA's, both served by different OSSs: Phoenix is served by systems in USWC's Central Region and Seattle is served by systems in its Western Region. This adds significant complexity into USWC's LNP implementation program, specifically the Systems plan.

Conclusion

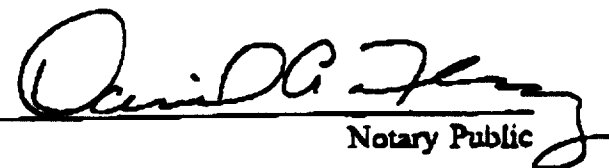
16. From the inception of the service agreements between the Western Region LLC and Perot through the present time, USWC has stood ready to work with the designated

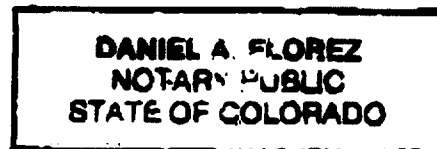
vendor to do whatever was necessary to assure the on-schedule development and delivery of a production-ready NPAC/SMS software, to test that software against LSMS software, and to cooperate with fellow Service Providers in the LLC to meet the critical dates necessary to implement LNP in the FCC-mandated timeframes. USWC and the other members of the Western Region LLC vigilantly monitored Perot's performance and when that performance was clearly in jeopardy chose to change NPAC/SMS vendors.

17. In conclusion, the deployment of LNP is very complicated and impacts many of USWC's systems, network elements and processes. Phased implementation will ensure the successful implementation of LNP - Service Provider Portability in a timely manner, while maintaining the integrity, reliability and functionality of our telecommunications network.


Timothy E. Mason

Subscribed and sworn to before me this 2ND day of March, 1998.
Witness my hand and official seal.

My commission expires: June 24, 2002 
Notary Public



Appendix A

Planning Draft of Seattle MSA LNP Switches

S T	City	Location Name	CLLI	Typ e	Priori ty	Notes	Testing Ready Date	Porting Ready Date	Internal Intra-op company test date	Vendor In Service Date
W	Seattle	SEATTLE EAST TOPS	STTLWA0355T	D200	2	TOPS	1/26/98	3/16/98		
W	Seattle	SEATTLE MAIN	STTLWA061G	D1/2	2	FOA/TDM/TO	1/26/98	3/16/98	1/5/98	6/20/97
W	Seattle	SEATTLE EAST ATDM	STTLWA0302T	4ESS	2	FOA/911 RTR	1/26/98	3/16/98	1/5/98	9/19/97
W	Seattle	SEATTLE MAIN A LATA	STTLWA06C	D200	2	LATA TDM	1/26/98	3/16/98		
W	Seattle	BELLEVUE-SHERWOOD	BLLVWASHCG	1AES	3	FOA	1/26/98	3/16/98	1/5/98	10/23/97
W	Seattle	SEATTLE ATWATER	STTLWA05CG	1AES	3			3/16/98		
W	Seattle	BELLEVUE GLENCOUR	BLVWWAGLD	5ESS	3			3/16/98		
W	Seattle	ELLEVUE SHERWOOD	BLVWWASHR	ORM	2			3/16/98		
W	Seattle	SEATTLE MAIN	STTLWA06DS	5ESS	3			3/16/98		
W	Seattle	SEATTLE EAST ISDN	STTLWA03RS	ORM	2			3/16/98		
W	Seattle	TTLE DUWAMISH ISDN	STTLWADURS	ORM	2			3/16/98		
W	Seattle	SEATTLE WEST	STTLWAWER	ORM	2			3/16/98		
W	Seattle	SEATTLE MAIN CG3	STTLWA06CG	1AES	3	911 RTR	1/26/98	3/16/98		
W	Seattle	SEATTLE ELLIOTT	STTLWAE LDS	5ESS	3	FOA	1/26/98	3/16/98	1/5/98	11/14/97
W	Seattle	KENT OBRIEN	KENTWAOBR	ORM	2			3/16/98		
W	Seattle	RENTON	RNTNWA01RS	ORM	2			3/16/98		
W	Seattle	ATTLE EMERSON ISDN	STTLWA04RS	ORM	2			3/16/98		
W	Seattle	ATTLE ATWATER ISDN	STTLWA05RS	ORM	2			3/16/98		
W	Seattle	SEATTLE CHERRY	STTLWACHRS	ORM	2			3/16/98		
W	Seattle	KENT O'BRIEN	KENTWAOBD	5ESS	3			3/16/98		
W	Seattle	SEATTLE MAIN DS0	STTLWA06DS	D100	3			3/30/98		
W	Seattle	ELLEVUE GLENCOURT	BLLVWAGLRS	DRLC	2			3/30/98		
W	Seattle	ELLEVUE GLENCOURT	BLLVWAGLRS	DRLC	2			3/30/98		
W	Seattle	SEATTLE EAST	STTLWA03RS	DRS	2			3/30/98		
W	Seattle	SEC PAC BANK	STTLWAFARS	DRS	2			3/30/98		
W	Seattle	SEATTLE MAIN DS6	STTLWA06DS	D100	3			3/30/98		
W	Seattle	TTLE MAIN CGO (RPL)	STTLWA06CG	1AES	3	RPL by DS6		3/30/98		
W	Seattle	SEATTLE CHERRY	STTLWACH43	1AES	2			3/30/98		
W	Seattle	SEATTLE CAMPUS	STTLWACADS	5ESS	3			3/30/98		
W	Seattle	AUBURN	AUBNWA01DS	5ESS	3			3/30/98		
W	Seattle	BLACK DIAMOND	BDMDWA01R	RSM	2			3/30/98		
W	Seattle	ENUMCLAW	ENMCWA01R	RSM	2			3/30/98		
W	Seattle	SEATTLE DUWAMISH	STTLWADUC	1AES	3			3/30/98		
W	Seattle	KENT MERIDIAN	KENTWAMED	5ESS	3			3/30/98		

Planning Draft of Seattle MSA LNP Switches

S T	City	Location Name	CLLI	Typ e	Priori ty	Notes	Testing Ready Date	Porting Ready Date	Internal Intra-op company test date	Vendor In Service Date
W	Seattle	SEATTLE EAST	STTLWA03CG	1AES	3			4/13/98		
W	Seattle	RENTON	RNTNWA01DS	5ESS	2			4/13/98		
W	Seattle	(NEW) MAPLE VALLEY	MPVYWAMVR	5OR	2	RPL-2BESS		4/13/98		
W	Seattle	SEATTLE EMERSON	STTLWA04CG	1AES	2			4/13/98		
W	Seattle	SEATTLE LAKEVIEW	STTLWALADS	5ESS	2			4/13/98		
W	Seattle	SEATTLE SUNSET	STTLWASUDS	5ESS	2			4/13/98		
W	Seattle	TACOMA WAVERLY 7	TACMWAWVD	5ESS	2	12/1/98		4/13/98		
W	Seattle	FEDERAL WAY	FDWYWA10R	5OR	2			4/13/98		
W	Seattle	SEATTLE WEST	STTLWAWWE93	1AES	3			4/13/98		
W	Seattle	KENT ULRICH	KENTWA01DS	5ESS	2			4/13/98		
W	Seattle	MERCER ISLAND	MRISWA01DS	5ESS	2			4/13/98		
W	Seattle	DES MOINES TAYLOR	DESMWA01D	5ESS	3			4/13/98		
W	Seattle	SEATTLE PARKWAY	STTLWAPADS	5ESS	2			4/13/98		
W	Seattle	SEATTLE MAIN ACD	STTLWA06DS	5ESS	2			4/13/98		
W	Seattle	ISSAQUAH	ISQHWAEXDS	5ESS	3			4/13/98		
W	Seattle	FEDERAL WAY	FDWYWAA01	5ESS	0	TACOMA		4/13/98		

ST	City	Location Name	CLLI	Porting Ready Date
MN	Minneapolis	MINNEAPOLIS DTWN OSPS	MPLSMNDT1GT	7/6/98
MN	Minneapolis	MINNEAPOLIS DTWN CG2	MPLSMNDT12T	7/6/98
MN	Minneapolis	MINNEAPOLIS BEARD	MPLSMNBE92E	7/6/98
MN	Minneapolis	ORCHARD	GLVYMNORDS0	7/6/98
MN	Minneapolis	ST PAUL MIDWAY	STPLMNMi64E	7/6/98
MN	Minneapolis	RICE ST	SHVWMNRIDS0	7/6/98
MN	Minneapolis	ST PAUL MARKET	STPLMNMK29G	7/6/98
MN	Minneapolis	CLEVELAND ISDN	NWBTMNCCLRSA	7/6/98
MN	Minneapolis	BROOKLYN CENTER	BRCTMNBC56G	7/6/98
MN	Minneapolis	MINNEAPOLIS CENTRAL	MPLSMNGE78E	7/6/98
MN	Minneapolis	BURNSVILLE	BRVLMNBU89G	7/6/98
MN	Minneapolis	GLEN PRAIRIE	EDPRMNGPDS0	7/6/98
MN	Minneapolis	SHAKOPEE	SHKPMNSHRS1	7/6/98
MN	Minneapolis	FORT SNELLING	MPLSMNFS72G	7/6/98
MN	Minneapolis	BLTN CEDAR ISDN	BLTNMNCERS0	7/6/98
MN	Minneapolis	WAYZATA	WYZTMNWADS0	7/6/98
MN	Minneapolis	ROCKFORD	RCFRMNRORS4	7/6/98
MN	Minneapolis	HOPKINS	HPKNMNHODS0	7/6/98
MN	Minneapolis	MINNEAPOLIS PILLSBURY	MPLSMNPI82E	7/6/98
MN	Minneapolis	ANOKA	ANOKMNANDS0	7/13/98
MN	Minneapolis	MINNEAPOLIS 24TH AVE	MPLSMNTF72E	7/13/98
MN	Minneapolis	EAGAN-LEXINGTON	EAGNMNLB45G	7/13/98
MN	Minneapolis	STPL-LEX NM AIR	EAGNMNZNRSA	7/13/98
MN	Minneapolis	STPL-LEX R1	EAGNMNZKRSA	7/13/98
MN	Minneapolis	STPL-LEX R2	EAGNMNRFRSA	7/13/98
MN	Minneapolis	STPL-LEX R3	EAGNMNRDRSA	7/13/98
MN	Minneapolis	STPL-LEX R4	EAGNMNRCRSA	7/13/98
MN	Minneapolis	STPL-LEX R5	EAGNMNRARSA	7/13/98
MN	Minneapolis	STPL-LEX RSCI	EAGNMNBRS1	7/13/98
MN	Minneapolis	BLOOMINGTON NORMANDAL	BLTNMNN083E	7/13/98
MN	Minneapolis	MINNEAPOLIS SOUTH	BLTNMNSODS0	7/13/98
MN	Minneapolis	MINNEAPOLIS 66TH ST	RCFDMN66DS0	7/13/98
MN	Minneapolis	ST PAUL MARKET	STPLMNMKDS4	7/13/98
MN	Minneapolis	ST PAUL HUMBOLT	STPLMNHBRs1	7/13/98
MN	Minneapolis	ST PAUL MIDWAY	STPLMNMIRS1	7/13/98
MN	Minneapolis	ST PAUL BEECH	STPLMNBEDS0	7/13/98
MN	Minneapolis	ST PAUL 3M ISDN	STPLMNBERS0	7/13/98
MN	Minneapolis	MINNEAPOLIS DTWN CG3	MPLSMNDT62G	7/13/98
MN	Minneapolis	BLAINE ISDN	BLANMNBLSA	7/13/98
MN	Minneapolis	NORMANDEAL ISDN	BLTNMNMORSA	7/13/98
MN	Minneapolis	BROOKLYN CENTER ISDN	BRCTMNBCRS0	7/13/98
MN	Minneapolis	HONEYWELL DOUGLAS	GLVYMNDRSA	7/13/98
MN	Minneapolis	MPLS ORCHARD ISDN	GLVYMNORRSA	7/13/98
MN	Minneapolis	MPLS 7TH AVE	MPLSMNO7RSA	7/13/98
MN	Minneapolis	MPLS CENTRAL ISDN	MPLSMNGERSA	7/13/98
MN	Minneapolis	ST. PAUL MARKET	STPLMNMKRS0	7/13/98
MN	Minneapolis	BLOOMINGTON CEDAR	BLTNMNCERSA	7/13/98
MN	Minneapolis	BRYANT ISDN	MPLSMNBBS1	7/13/98

MN	Minneapolis	24TH ISDN	MPLSMNTFES1	7/13/98
MN	Minneapolis	BEARD ISDN	MPLSMNBERS1	7/13/98
MN	Minneapolis	FRANKLIN ISDN	MPLSMNFRRS1	7/13/98
MN	Minneapolis	MINNEAPOLIS HONEYWELL	MPLSMNASRSA	7/13/98
MN	Minneapolis	ST LOUIS PARK ISDN	SLSPMNZARSA	7/13/98
MN	Minneapolis	FRANKLIN ACD	MPLSMNFRRSA	7/13/98
MN	Minneapolis	EDEN PRAIRIE	EDPRMNEP94G	7/13/98
MN	Minneapolis	MINNEAPOLIS BRYANT	MPLSMNBB52E	7/13/98
MN	Minneapolis	ST PAUL CLEVELAND	NWBTMNCCL63E	7/13/98
MN	Minneapolis	MINNEAPOLIS FRANKLIN	MPLSMNFR87E	7/20/98
MN	Minneapolis	MINNEAPOLIS FERNBROOK	PLMOMNFE55E	7/20/98
MN	Minneapolis	STILLWATER	STWRMNSTDS0	7/20/98
MN	Minneapolis	ELK RIVER	EKRVMNERDS0	7/20/98
MN	Minneapolis	MAPLEWOOD	MPWDMNMADS0	7/20/98
MN	Minneapolis	AFTON	AFTNMNAFRS4	7/20/98
MN	Minneapolis	EAGAN	EAGNMNLBRSA	7/20/98
MN	Minneapolis	ST PAUL BEECH	STPLMNBERSA	7/20/98
MN	Minneapolis	COTTAGE GROVE CHEMOLI	CTGVMNCBRS3	7/20/98
MN	Minneapolis	MAPLEWOOD 3M CAMPUS	MPWDMNZHRSA	7/20/98
MN	Minneapolis	OAKDALE	WSPLMNWSDS0	7/20/98
MN	Minneapolis	MINNEAPOLIS DT CG1	MPLSMNDT34E	7/20/98
MN	Minneapolis	CRYSTAL	CRYSMNCRDS0	7/20/98
MN	Minneapolis	PLYMOUTH	PLMOMNCRSA	7/20/98
MN	Minneapolis	FERNBROOK ISDN	PLMOMNFERS1	7/20/98
MN	Minneapolis	COON RAPIDS	CNRPMNNDSD0	7/20/98
MN	Minneapolis	SODERVILLE	SDVLMNSORS1	7/20/98
MN	Minneapolis	CAMBRIDGE	CBRMNCARS6	7/20/98
MN	Minneapolis	OAK GROVE	OKGVMNOGRS7	7/20/98
MN	Minneapolis	ST PAUL PARK ROW	NSPLMNPRDS0	7/20/98
MN	Minneapolis	WHITE BEAR LAKE	WBLKMNWBDSD0	7/20/98
MN	Minneapolis	MINNEAPOLIS DT CG0	MPLSMNDT37E	7/20/98
MN	Minneapolis	MINNEAPOLIS 7TH AVE	MPLSMN0737E	7/20/98
MN	Minneapolis	ST PAUL EMERSON	STPLMNEMDS0	7/20/98
MN	Minneapolis	MAPLEWOOD MAIN	MPWDMNMA73E	7/20/98
MN	Minneapolis	ST PAUL FRONT	STPLMNH48E	7/20/98
MN	Minneapolis	COTTAGE GROVE	CTGVMNCG45G	7/20/98
MN	Minneapolis	MINNEAPOLIS FRIDLEY	FRDLMNFRDS0	7/20/98
MN	Minneapolis	BLAINE	MPLSMNBLRS1	7/20/98
MN	Minneapolis	BLOOMINGTON CEDAR	BLTNMNCE85E	7/20/98
MN	Minneapolis	EXCELSIOR	EXCLMNEX47G	7/20/98
MN	Minneapolis	BUFFALO	BFLOMNBURS6	7/20/98
MN	Minneapolis	HAMEL	HAMLNMHBRS4	7/20/98
MN	Minneapolis	NAVARRE	NVRRMNNARS4	7/20/98
MN	Minneapolis	HANOVER	HNVRMNHBRS4	7/20/98
MN	Minneapolis	FOREST LAKE	FRLKMNFLDS0	7/20/98
MN	Minneapolis	MINNEAPOLIS PENN AVE	MPLSMNPEDS1	7/20/98
AZ	Phoenix	CHANDLER WEST	CHNDZWEDSD0	7/27/98
AZ	Phoenix	MESA GILBERT	MESAAZGIDS0	7/27/98
AZ	Phoenix	MESA MAIN	MESAAZMADS0	7/27/98
AZ	Phoenix	PHNX CACTUS	PHNXAZCADS0	7/27/98
AZ	Phoenix	PHOENIX EAST	PHNXAZEADS0	7/27/98
AZ	Phoenix	PHNX GREENWAY	PHNXAZGRDS0	7/27/98

AZ	Phoenix	PHNX LAVEEN	PHNXAZLVDS0	7/27/98
AZ	Phoenix	PHNX MAIN DS1	PHNXAZMADS1	7/27/98
AZ	Phoenix	PHNX NORTH ISDN	PHNXAZNORS0	7/27/98
AZ	Phoenix	PHNX MAIN	PHNXAZMADS4	7/27/98
AZ	Phoenix	PHNX NORTHEAST	PHNXAZNEDS0	7/27/98
AZ	Phoenix	PHNX NORTH	PHNXAZNODS1	7/27/98
AZ	Phoenix	SUNNYSLOPE DUNLAP	PHNXAZ93RS1	7/27/98
AZ	Phoenix	PHOENIX EAST	PHNXAZEARS1	7/27/98
AZ	Phoenix	PHNX NORTHWEST ISDN	PHNXAZNWRS1	7/27/98
AZ	Phoenix	PHNX WEST ISDN	PHNXAZWERS1	7/27/98
AZ	Phoenix	PHNX NORTH	PHNXAZNODS3	7/27/98
AZ	Phoenix	PHOENIX NORTHWEST	PHNXAZNWCG0	7/27/98
AZ	Phoenix	PHOENIX PEORIA	PHNXAZPRCG0	7/27/98
AZ	Phoenix	PHOENIX SOUTHEAST	PHNXAZSECG0	7/27/98
AZ	Phoenix	PHOENIX SOUTH	PHNXAZSOCG0	7/27/98
AZ	Phoenix	PHOENIX SUNNYSLOPE	PHNXAZSYCG0	7/27/98
AZ	Phoenix	PHOENIX WEST	PHNXAZWECG0	7/27/98
AZ	Phoenix	SCOTTSDALE MAIN	SCDLAZMADS0	7/27/98
AZ	Phoenix	SCOTTSDALE THUNDERBIRD	SCDLAZTHDS0	7/27/98
AZ	Phoenix	TEMPE MAIN	TEMPAZMADS0	7/27/98
AZ	Phoenix	PHNX MA LATA TDM	PHNXAZMA01T	7/27/98
AZ	Phoenix	PHNX MA LATA TDM	PHNXAZMA04T	7/27/98
AZ	Phoenix	TEMPE MCCLINTOCK	TEMPAZMCCG0	7/27/98
AZ	Phoenix	TEMPE MCCLINTOCK	TEMPAZMCDS0	7/27/98
AZ	Phoenix	BEARDSLEY	BRDSAZMADS0	8/3/98
AZ	Phoenix	CIRCLE CITY	CRCYAZMARS1	8/3/98
AZ	Phoenix	CHANDLER MAIN	CHNDAZMADS0	8/3/98
AZ	Phoenix	OCOTILLO	CHNDAZRSRS1	8/3/98
AZ	Phoenix	GALVESTON	CHNDAZSLRS1	8/3/98
AZ	Phoenix	CHANDLER SOUTH	CHNDAZSODS0	8/3/98
AZ	Phoenix	DEER VALLEY	DRVYAZNODS0	8/3/98
AZ	Phoenix	NEW RIVER	NWRVAZMARS1	8/3/98
AZ	Phoenix	WICKENBURG	WCBGAZMARS1	8/3/98
AZ	Phoenix	GLENDALE	GLDLAZMACG0	8/3/98
AZ	Phoenix	HIGLEY	HGLYAZMADS0	8/3/98
AZ	Phoenix	HIGLEY QUEEN CREEK	HGLYAZQCDS0	8/3/98
AZ	Phoenix	BETHANY WEST	PHNXAZBWDS0	8/3/98
AZ	Phoenix	LITCHFIELD PARK	LTPKAZMARS1	8/3/98
AZ	Phoenix	TOLLESON	TLSNAZMARS1	8/3/98
AZ	Phoenix	WHITE TANKS	WHTKAZMARS2	8/3/98
AZ	Phoenix	PHOENIX MARYVALE	PHNXAZMYCG0	8/3/98
AZ	Phoenix	PHNX NORTH ACD	PHNXAZNODS2	8/3/98
AZ	Phoenix	PHNX PECOS	PHNXAZPPDS0	8/3/98
AZ	Phoenix	PHOENIX PINNACLE PEAK	PRVYAZPPDS0	8/3/98
AZ	Phoenix	SCOTTSDALE SHEA	SCDLAZSHDS0	8/3/98
AZ	Phoenix	CAVE CREEK	CVCKAZMARS1	8/3/98
AZ	Phoenix	RIO VERDE	FTMDAZNORS1	8/3/98
AZ	Phoenix	SUPERSTITION MAIN	SPRSAZMACG0	8/3/98
AZ	Phoenix	SUNRISE	AGFIAZSRDS0	8/3/98
AZ	Phoenix	SUPERSTITION WEST	SPRSAZWECG0	8/3/98
AZ	Phoenix	CORONADO	CRNDAZMADS1	8/3/98
AZ	Phoenix	CASA GRANDE	CSGRAZMADS1	8/3/98
AZ	Phoenix	ARIZONA CITY	AZCYAZ03RS1	8/3/98

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AZ	Phoenix	COOLIDGE	CLDGAZMARS1	8/3/98
AZ	Phoenix	ELOY	ELOYAZ01RS1	8/3/98
AZ	Phoenix	FLORENCE	FLRNAZMARS1	8/3/98
AZ	Phoenix	MARICOPA	MRCPAZMARS1	8/3/98
AZ	Phoenix	STANFIELD	STFDAZMARS1	8/3/98
AZ	Phoenix	FORT MCDOWELL	FTMDAZMADS0	8/3/98
AZ	Phoenix	GDYR-COLDWATER	GDYRAZCWDS0	8/3/98
AZ	Phoenix	BUCKEYE	BCKYAZMARS1	8/3/98
AZ	Phoenix	WINTERSBURG	WNBGAZ01RS1	8/3/98
AZ	Phoenix	PHNX FOOTHILL	PHNXAZ81DS0	8/3/98
AZ	Phoenix	PHOENIX MIDRIVERS	PHNXAZMRCG0	8/3/98
AZ	Phoenix	SAN MANUEL DS0	SNMNAZMADS0	8/3/98
AZ	Phoenix	DUDLEYVILLE	DDVLAZMARS1	8/3/98
AZ	Phoenix	HAYDEN	HYDNAZMARS1	8/3/98
AZ	Phoenix	KEARNY	KRNYAZMARS1	8/3/98
AZ	Phoenix	MAMMOTH	MMTHAZMARS1	8/3/98
AZ	Phoenix	ORACLE	ORCLAZMARS1	8/3/98
AZ	Phoenix	SUPERSTITION EAST	SPRSAZEADS0	8/3/98
AZ	Phoenix	SUPERIOR	SPRRAZMARS1	8/3/98
AZ	Phoenix	WHITLOW	WHTLAZMADS0	8/3/98
WA	Seattle	SEATTLE EAST TOPS	STTLWA0355T	8/10/98
WA	Seattle	SEATTLE MAIN	STTLWA061GT	8/10/98
WA	Seattle	SEATTLE EAST ATDM	STTLWA0302T	8/10/98
WA	Seattle	SEATTLE MAIN A LATA TDM	STTLWA06C9T	8/10/98
WA	Seattle	BELLEVUE-SHERWOOD	BLLVWASHCGO	8/10/98
WA	Seattle	SEATTLE ATWATER	STTLWA05CGO	8/10/98
WA	Seattle	BELLEVUE GLENCOURT	BLVWWAGLDSO	8/10/98
WA	Seattle	BELLEVUE SHERWOOD	BLLVWASHRSO	8/10/98
WA	Seattle	SEATTLE MAIN	STTLWA06DS4	8/10/98
WA	Seattle	SEATTLE EAST ISDN	STTLWA03RS1	8/10/98
WA	Seattle	SEATTLE DUWAMISH ISDN	STTLWADURSO	8/10/98
WA	Seattle	SEATTLE WEST	STTLWAWERSO	8/10/98
WA	Seattle	SEATTLE MAIN CG3	STTLWA06CG3	8/10/98
WA	Seattle	SEATTLE ELLIOTT	STTLWAE LDSO	8/10/98
WA	Seattle	KENT OBRIEN	KENTWAOBR SO	8/10/98
WA	Seattle	RENTON	RNTNWA01RSO	8/10/98
WA	Seattle	SEATTLE EMERSON ISDN	STTLWA04RSO	8/10/98
WA	Seattle	SEATTLE ATWATER ISDN	STTLWA05RSO	8/10/98
WA	Seattle	SEATTLE CHERRY	STTLWACHRSO	8/10/98
WA	Seattle	KENT O'BRIEN	KENTWAOBDSO	8/10/98
WA	Seattle	SEATTLE MAIN DSO	STTLWA06DSO	8/10/98
WA	Seattle	BELLEVUE GLENCOURT	BLLVWAGLRS3	8/10/98
WA	Seattle	BELLEVUE GLENCOURT	BLLVWAGLRS0	8/10/98
WA	Seattle	BELLEVUE GLENCOURT	BLLVWAGLRS1	8/10/98
WA	Seattle	SEATTLE EAST	STTLWA03RSO	8/10/98
WA	Seattle	SEC PAC BANK	STTLWAFARS1	8/10/98
WA	Seattle	SEATTLE MAIN DS6	STTLWA06DS6	8/10/98
WA	Seattle	SEATTLE MAIN CGO (RPL)	STTLWA06CGO	8/10/98
WA	Seattle	SEATTLE CHERRY	STTLWACH43A	8/10/98
WA	Seattle	SEATTLE CAMPUS	STTLWACADSO	8/10/98
WA	Seattle	AUBURN	AUBNWA01DSO	8/10/98
WA	Seattle	BLACK DIAMOND	BDMDWA01RS1	8/10/98

WA	Seattle	ENUMCLAW	ENMCWA01RS0	8/10/98
WA	Seattle	SEATTLE DUWAMISH	STTLWADUCGO	8/14/98
WA	Seattle	KENT MERIDIAN	KENTWAMEDSO	8/14/98
WA	Seattle	SEATTLE EAST	STTLWA03CGO	8/14/98
WA	Seattle	RENTON	RNTNWA01DS0	8/14/98
WA	Seattle	(NEW) MAPLE VALLEY	MPVYWAMVRSO	8/14/98
WA	Seattle	SEATTLE EMERSON	STTLWA04CGO	8/14/98
WA	Seattle	SEATTLE LAKEVIEW	STTLWALADSO	8/14/98
WA	Seattle	SEATTLE SUNSET	STTLWASUDSO	8/14/98
WA	Seattle	TACOMA WAVERLY 7	TACMWA01DSO	8/14/98
WA	Seattle	FEDERAL WAY	FDWYWA10RS0	8/14/98
WA	Seattle	SEATTLE WEST	STTLWAWVE93A	8/14/98
WA	Seattle	KENT ULRICH	KENTWA01DSO	8/14/98
WA	Seattle	MERCER ISLAND	MRISWA01DSO	8/14/98
WA	Seattle	DES MOINES TAYLOR	DESMWA01DSO	8/14/98
WA	Seattle	SEATTLE PARKWAY	STTLWAPADSO	8/14/98
WA	Seattle	SEATTLE MAIN ACD	STTLWA06DS8	8/14/98
WA	Seattle	ISSAQUAH	ISQHWAEXDSO	8/14/98
WA	Seattle	FEDERAL WAY	FDWYWA01DSO	8/14/98
WA	Seattle	Seattle Main DS6	STTLWA06DS6	8/14/98
CO	Denver	DENVER MAIN	DNVRCOMADS0	8/24/98
CO	Denver	DNVR CITY & COUNTY ISDN	DNVRCOFWRS1	8/24/98
CO	Denver	DENVER CITY & COUNTY	DNVRCOHXRS1	8/24/98
CO	Denver	DENVER GENERAL HOSPITAL	DNVRCOJWRS1	8/24/98
CO	Denver	DENVER SOUTH	DNVRCOSORS1	8/24/98
CO	Denver	LAKEWOOD TRNG CENTER	LKWDCOTCRS1	8/24/98
CO	Denver	DENVER 3GT	DNVRCOMA3GT	8/24/98
CO	Denver	DENVER WEST	DNVRCOWSDS0	8/24/98
CO	Denver	DENVER CURTIS PARK	DNVRCOCPDS0	8/24/98
CO	Denver	DENVER COLUMBINE	DNVRCOCLCG0	8/24/98
CO	Denver	LITTLETON	LTTNCOMACG0	8/24/98
CO	Denver	DENVER DRY CREEK	DNVRCODCDS0	8/24/98
CO	Denver	DENVER CURTIS PARK	DNVRCOCPRS1	8/24/98
CO	Denver	DENVER SOUTHEAST	DNVRCOSERS1	8/24/98
CO	Denver	DENVER SULLIVAN	DNVRCOSLRS1	8/24/98
CO	Denver	DENVER TECH CNTR ISDN	DNVRCOTCRS1	8/24/98
CO	Denver	ABERDEEN	ENWDCAABRS1	8/24/98
CO	Denver	NORTHGLENN ISDN	NGLNCOMARS1	8/24/98
CO	Denver	DENVER CAP HILL CG0	DNVRCOCHCG0	8/24/98
CO	Denver	LOOKOUT MT	LKMTCOMADS0	8/24/98
CO	Denver	GOLDEN	GLDNCOMADS0	8/24/98
CO	Denver	MORRISON	MRSNCOMARS1	8/24/98
CO	Denver	HIGHLANDS RANCH	LTTNCOHLDS0	8/24/98
CO	Denver	DENVER 03T	DNVRCOMA03T	8/24/98
CO	Denver	DENVER NORTHEAST	DNVRCONECG0	8/24/98
CO	Denver	DENVER NORTH	DNVRCONOCG0	8/24/98
CO	Denver	DENVER SOUTHEAST	DNVRCOSECG0	8/24/98
CO	Denver	DENVER CAP HILL CG1	DNVRCOCHCG1	8/24/98
CO	Denver	DENVER SOUTH	DNVRCOSOCG0	8/24/98
CO	Denver	DENVER WEST	DNVRCOWSCG0	8/24/98
CO	Denver	ARVADA	ARVDCOMACG0	8/24/98
CO	Denver	ARVADA	ARVDCOMADS0	8/24/98

CO	Denver	AURORA	AURRCOMADS0	8/24/98
CO	Denver	WESTMINSTER	WMNSCOMADS0	8/24/98
CO	Denver	LAKEWOOD	LKWDCOMADS0	8/24/98
CO	Denver	ARVADA	ARVDCOMARS0	8/24/98
CO	Denver	DENVER COLUMBINE	DNVRCOCLRS0	8/24/98
CO	Denver	DENVER SOUTHWEST	DNVRCOSWRS0	8/24/98
CO	Denver	EVERGREEN	EVRCOMARS1	8/24/98
CO	Denver	DENVER MONTBELLO	DNVRCOMBDS0	8/24/98
CO	Denver	MONAGHAN	AURRCOMBR1	8/24/98
CO	Denver	DENVER SMOKY HILL	DNVRCOSHCG0	8/24/98
CO	Denver	DENVER SULLIVAN	DNVRCOSLDS0	8/24/98
CO	Denver	ENGLEWOOD	ENWDCOMACG0	8/24/98
CO	Denver	DENVER DIA	DNVRCOUDS0	8/24/98
CO	Denver	BROOMFIELD	BRFDCOMACG0	8/24/98
CO	Denver	BROOMFIELD	BRFDCOMADS0	8/24/98
CO	Denver	CASTLE ROCK	CSRKCONMDS0	8/24/98
CO	Denver	DECKERS	DCKRCOMARS1	8/24/98
CO	Denver	LARKSPUR	LRKSCONMRS1	8/24/98
CO	Denver	PARKER	PRKRCOMARS1	8/24/98
CO	Denver	ABERDEEN	ENWDCOABDS0	8/24/98
CO	Denver	NORTHGLENN	NGLNCOMACG0	8/24/98
CO	Denver	NORTHGLENN	NGLNCOMADS0	8/24/98
CO	Denver	DENVER EAST	DNVRCOEADS0	8/24/98
CO	Denver	DENVER CAP HILL	DNVRCOCHRS2	8/24/98
CO	Denver	DENVER SOUTHEAST	DNVRCOSED0	8/24/98
CO	Denver	LITTLETON	LTTNCOMADS0	8/24/98
CO	Denver	MINERAL	LTTNCOMLRS1	8/24/98
CO	Denver	BRIGHTON	BITNCOMADS0	8/24/98
CO	Denver	DENVER 02T	DNVRCOMA02T	8/24/98
CO	Denver	COAL CREEK	CCCNCOMADS0	8/24/98
CO	Denver	DENVER SOUTHWEST	DNVRCOSWCG0	8/24/98
CO	Denver	DENVER SOUTHWEST	DNVRCOSWDS0	8/24/98
CO	Denver	DNVR LCC-1	DNVRCOMADS1	8/24/98
CO	Denver	DNVR LCC-0	DNVRCOMADS2	8/24/98
OR	Portland	PORTLAND BELMONT	PTLDOR13DS3	9/21/98
OR	Portland	OREGON CITY	ORCYOR18RSO	9/21/98
WA	Portland	VANVOUVER OXFORD	VANCWA01DS0	9/21/98
WA	Portland	LONGVIEW	LGVWWA02RS1	9/21/98
OR	Portland	MILWAUKIE	MLWKOR17DS0	9/21/98
OR	Portland	PORTLAND CAP DS1	PTLDOR69DS1	9/21/98
OR	Portland	LINCOLN TOWERS	PTLDOROWRS0	9/21/98
OR	Portland	PORTLAND HAROLD	PTLDOR08DS0	9/21/98
OR	Portland	PORTLAND CHERRY	PTLDOR17CG0	9/21/98
WA	Portland	VANCOUVER NORTH	VANCWANODS0	9/21/98
OR	Portland	OREGON CITY	ORCYOR18CG0	9/21/98
OR	Portland	PORTLAND CYPRESS	PTLDOR02DS0	9/21/98
OR	Portland	PORTLAND BUTLER	PTLDOR14CG0	9/21/98
OR	Portland	PORTLAND PROSPECT	PTLDOR18CG0	9/21/98
OR	Portland	PORTLAND CAP DS2	PTLDOR69DS2	9/21/98
OR	Portland	BUTLER	PTLDOR14RS1	9/21/98
OR	Portland	CHERRY PORTLAND	PTLDOR17RS0	9/21/98
OR	Portland	LAKE OSWEGO	LKOSOR62DS0	9/21/98

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WA	Portland	VANCOUVER ORCHARD	ORCHWA01CG0	9/21/98
WA	Portland	VANCOUVER ORCHARD	ORCHWA01DS0	9/21/98
OR	Portland	PTLD CA4 DS0	PTLDOR69DS0	9/21/98
OR	Portland	PTLD CAP	PTLDORCJRS0	9/21/98
OR	Portland	HAROLD ST	PTLDOR08RS0	9/21/98
OR	Portland	ALPINE	PTLDOR11RS0	9/21/98
OR	Portland	ATLANTIC	PTLDOR12RS0	9/21/98
OR	Portland	BELMONT	PTLDOR13RS0	9/21/98
OR	Portland	BUTLER	PTLDOR14RS0	9/21/98
OR	Portland	CHERRY PORTLAND	PTLDOR17RS1	9/21/98
OR	Portland	PROSPECT	PTLDOR18RS0	9/21/98
WA	Portland	BATTLE GROUND	BTLGWA01DS0	9/21/98
OR	Portland	PORTLAND ALPINE	PTLDOR11DS0	9/21/98
WA	Portland	RIDGEFIELD	RDFDWA01DS0	9/21/98
OR	Portland	ST HELENS	STHNOR40DS0	9/21/98
OR	Portland	NORTH PLAINS	NPLNOR62DS0	9/21/98
OR	Portland	PTLD BELMONT A	PTLDOR13C9T	9/21/98
OR	Portland	BURLINGTON	BURLOR62DS0	9/21/98
OR	Portland	PTLD ATLANTIC	PTLDOR12DS0	9/21/98
OR	Portland	PTLD BELMONT B	PTLDOR131GT	9/21/98
UT	Salt Lake City	SALT LAKE CITY SOUTH	SLKCUTSODS0	10/12/98
UT	Salt Lake City	SALT LAKE CITY WEST	SLKCUTWERS0	10/12/98
UT	Salt Lake City	MAGNA	MAGNUTMARS0	10/12/98
UT	Salt Lake City	FARMINGTON	FRTNUTMADS0	10/12/98
UT	Salt Lake City	DRAPER	DRPRUTMADS0	10/12/98
UT	Salt Lake City	KEARNS ACD	KRNSUTMADS0	10/12/98
UT	Salt Lake City	MURRAY	MRRYUTMADS0	10/12/98
UT	Salt Lake City	COTTONWOOD	CTWDUTMARS0	10/12/98
UT	Salt Lake City	MIDVALE	MDVAUTMARS0	10/12/98
UT	Salt Lake City	SALT LAKE CITY MN05T	SLKCUTMA05T	10/12/98
UT	Salt Lake City	BOUNTIFUL	BNTFUTMACG0	10/12/98
UT	Salt Lake City	SALT LAKE CITY NORTH	NSLKUTMARS1	10/12/98
UT	Salt Lake City	CLEARFIELD	CLFDUTMACG0	10/12/98
UT	Salt Lake City	ROY	ROY_UTMARS1	10/12/98
UT	Salt Lake City	ROY	ROY_UTMARS2	10/12/98
UT	Salt Lake City	COTTONWOOD	CTWDUTMACG0	10/12/98
UT	Salt Lake City	KEARNS	KRNSUTMACG0	10/12/98
UT	Salt Lake City	MIDVALE	MDVAUTMACG0	10/12/98
UT	Salt Lake City	SALT LAKE CITY WEST	SLKCUTWECG0	10/12/98
UT	Salt Lake City	HOLLADAY	HLDYUTMADS0	10/12/98
UT	Salt Lake City	OGDEN MAIN	OGDNUTMADS0	10/12/98
UT	Salt Lake City	CORINEE	CRNNUTMARS1	10/12/98
UT	Salt Lake City	HUNTSVILLE	HNVIUTMARS1	10/12/98
UT	Salt Lake City	MORGAN	MGRNUTMARS1	10/12/98
UT	Salt Lake City	MT GREEN	MTGNUTMARS1	10/12/98
UT	Salt Lake City	SALT LAKE CITY EAST	SLKCUTEADS0	10/12/98
UT	Salt Lake City	SALT LAKE CITY MN 03T	SLKCUTMA03T	10/12/98
UT	Salt Lake City	SALT LAKE CITY MN DS0	SLKCUTMADS0	10/12/98
UT	Salt Lake City	SALT LAKE CITY MN DS1	SLKCUTMADS1	10/12/98
UT	Salt Lake City	OREM	OREMUTMADS0	10/12/98
UT	Salt Lake City	PROVO	PROBUTMADS0	10/12/98

AZ	TUCSON	TUCSON TANQUE VERDE	TCSNAZTVDSO	11/2/98
AZ	TUCSON	TUCSON CORTARO	TCSNAZCOSDO	11/2/98
AZ	TUCSON	TUCSON MAIN	TCSNAZMADS1	11/2/98
AZ	TUCSON	TUCSON MOUNT LEMMON	TCSNAZMLRS2	11/2/98
AZ	TUCSON	TUCSON RINCON	TCSNAZRNR1	11/2/98
AZ	TUCSON	TUCSON EAST	TCSNAZEARS1	11/2/98
AZ	TUCSON	TUCSON CRAYCROFT	TCSNAZCRCGO	11/2/98
AZ	TUCSON	TUCSON EAST	TCSNAZEACGO	11/2/98
AZ	TUCSON	TUCSON NORTH	TCSNAZNOCGO	11/2/98
AZ	TUCSON	TUCSON RINCON	TCSNAZRNCGO	11/2/98
AZ	TUCSON	TUCSON SOUTH	TCSNAZSOCGO	11/2/98
AZ	TUCSON	TUCSON EAST	TCSNAZEADS0	11/2/98
AZ	TUCSON	TUCSON SOUTH	TCSNAZSODSO	11/2/98
AZ	TUCSON	TUCSON NORTH	TCSNAZNODSO	11/2/98
AZ	TUCSON	TUCSON MAIN	TCSNAZMA04T	11/2/98
AZ	TUCSON	TUCSON FLOWING WELLS	TCSNAZGWDSO	11/2/98
AZ	TUCSON	MARANA WEST	MARNAZ02RS1	11/2/98
AZ	TUCSON	MARANA SOUTH	MARNAZ03RS1	11/2/98
AZ	TUCSON	MARANA MAIN	MARNAZMARS1	11/2/98
AZ	TUCSON	TUCSON SOUTH	TCSNAZSORS0	11/2/98
AZ	TUCSON	TUCSON CATALINA	TCSNAZCADS0	11/2/98
AZ	TUCSON	TUCSON SOUTHWEST	TCSNAZSWDS0	11/2/98
AZ	TUCSON	TUCSON SHERIDAN	TCSNAZRMRS1	11/2/98
AZ	TUCSON	TUCSON CARDINAL	TCSNAZRURS1	11/2/98
AZ	TUCSON	TUCSON SOUTHEAST	TCSNAZSERS3	11/2/98
AZ	TUCSON	TUCSON SOUTHEAST	TCSNAZSERS4	11/2/98
AZ	TUCSON	TUCSON WEST	TCSNAZWERS1	11/2/98
AZ	TUCSON	VAIL NORTH	VAILAZNORS1	11/2/98
AZ	TUCSON	WILLCOX	WLCXAZMARS1	11/2/98
AZ	TUCSON	GREEN VALLEY	GNVYAZMADSO	11/2/98
AZ	TUCSON	VAIL SOUTH	VAILAZSODS0	11/2/98
NE	OMAHA	OMAHA 0 ST	OMAHNEOSDS0	11/23/98
NE	OMAHA	OMAHA DOUGLAS OSPS TDM	OMAHNENWO?	11/23/98
NE	OMAHA	GRAND ISLAND	GDISNENW16T	11/23/98
NE	OMAHA	NORFOLK OSPS	NRFLNENW16T	11/23/98
NE	OMAHA	OMAHA FORT ST	OMAHNEFODS0	11/23/98
NE	OMAHA	OMAHA DOUGLAS	OMAHNENWDS1	11/23/98
NE	OMAHA	COUNCIL BLUFFS DTWN ISDN	CNBLIAWARSA	11/23/98
NE	OMAHA	OMAHA 90TH ST ISDN	OMAHNE90RSA	11/23/98
NE	OMAHA	OMAHA FORT ISDN	OMAHNEFORSA	11/23/98
NE	OMAHA	OMAHA IZARD ISDN	OMAHNEIZRSA	11/23/98
NE	OMAHA	OMAHA CONAGRA	???	11/23/98
NE	OMAHA	OMAHA 156TH ST	OMAHNEHADS0	11/23/98
NE	OMAHA	OMAHA 135TH ST	OMAHNECEDS0	11/23/98
NE	OMAHA	OMAHA FOWLER	OMAHNEFWDS0	11/23/98
NE	OMAHA	BENNINGTON	BGTNNECORS1	11/23/98
NE	OMAHA	ELKHORN	ELKHENWWSA	11/23/98
NE	OMAHA	GRETNA	GRETENWWS1	11/23/98
NE	OMAHA	OMAHA BELLEVUE	OMAHNEBEDS0	11/23/98
NE	OMAHA	OMAHA 78TH ST	OMAHNE78DS0	11/23/98
NE	OMAHA	IZARD STREET	OMAHNEIZDS0	11/23/98
NE	OMAHA	OMAHA 90TH ST	OMAHNE90CGO	11/23/98